



SEQUENCE LISTING

RECEIVED

APR 29 2002

TECH CENTER 1600/2900

<110> Buelow, Roland

<120> Cytomodulating Peptide for Inhibiting Lymphocyte Activity

<130> A-61008-1/RFT/TAL

<140> 09/742,148

<141> 2000-12-19

<150> 08/433,613

<151> 1995-05-03

CF  
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<170> PatentIn version 3.1

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<222> (2)..(2)

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<222> (3)..(3)

<223> The amino acid at position 3 can be either Asparagine or Aspartic acid.

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<223> The amino acid at position 7 can be either Alanine or Leucine.

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<222> (9)..(9)

<223> The amino acid at position 9 can be either Arginine or Glutamic Acid.

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<222> (13)..(13)

<223> The amino acid at position 13 can be either Glutamine or Aspartic acid.

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Ser Gly Ser Gly Arg Glu Asx Lys Arg Ile Leu Leu Arg Tyr  
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Ser Gly Ser Gly Arg Ile Ala Leu Arg Ala Ala Ala Ala  
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Ser Gly Ser Gly Thr Asp Arg Glu Asn Leu Arg Ile Ala Leu  
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Ser Gly Ser Gly Gln Thr Asp Arg Glu Asn Leu Arg Ile Ala  
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Ser Gly Ser Gly Ala Gln Thr Asp Arg Glu Asn Leu Arg Ile  
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Ser Gly Ser Gly Ala Glu Asn Leu Arg Ile Ala Leu Arg Tyr  
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Ser Gly Ser Gly Arg Ala Asn Leu Arg Ile Ala Leu Arg Tyr  
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Ser Gly Ser Gly Arg Glu Asn Ala Arg Ile Ala Leu Arg Tyr  
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Ser Gly Ser Gly Arg Glu Asn Leu Arg Ile Ala Ala Arg Tyr  
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Ser Gly Ser Gly Arg Glu Asn Leu Arg Ile Ala Leu Ala Tyr  
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Ser Gly Ser Gly Arg Glu Asn Leu Arg Ile Ala Leu Arg Ala  
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Ser Gly Ser Gly Arg Val Asn Leu Arg Thr Leu Arg Arg Tyr  
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Ser Gly Ser Gly Arg Met Asn Leu Gln Thr Leu Arg Gly Tyr  
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C4  
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Ser Gly Ser Gly Arg Val Asp Leu Arg Thr Ala Leu Arg Tyr  
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Ser Gly Ser Gly Arg Val Asn Leu Arg Thr Leu Leu Gly Tyr  
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Ser Gly Ser Gly Arg Val Ser Leu Arg Thr Ala Gln Arg Tyr  
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Glu Asn Leu Arg Ile Ala Leu Arg  
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Glu Asn Leu Arg Ile Ala Leu  
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Asn Leu Arg Ile Ala Leu  
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Arg Val Ser Leu Arg Thr Ala Leu Arg Tyr  
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Ser Gly Ser Gly Arg Glu Asn Leu Arg Ile Ala Leu Arg Tyr  
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<222> (1)..(1)

<223> The amino acid at position 1 can be either Glutamine, Histidine, Serine, Asparagine or Lysine.

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<222> (2)..(2)

<223> The amino acid at position 2 is an aliphatic neutral amino acid, including Serine, Alanine and Threonine.



<220>

<221> MISC\_FEATURE

<222> (4)..(4)

<223> The amino acid at position 4 can be either Threonine or Alanine.

<220>

<221> MISC\_FEATURE

<222> (5)..(5)

<223> The amino acid at position 5 can be either Tyrosine or Histidine.

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C4 <222> (7)..(7)

<223> The amino acid at position 7 is an aliphatic neutral amino acid, particularly Valine.

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<222> (8)..(8)

<223> The amino acid at position 8 can be either Serine or Asparagine.

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<222> (10)..(10)

<223> The amino acid at position 10 can be either Arginine or Glycine.

<220>

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<222> (11)..(11)

<223> The amino acid at position 11 can be either Threonine, Isoleucine, Asparagine or an aromatic amino acid such as Phenylalanine, Tryptophan or Tyrosine.

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<222> (12)..(12)

<223> The amino acid at position 12 is an aliphatic non-polar amino acid including Leucine or Alanine.

C4

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<222> (13)..(13)

<223> The amino acid at position 13 is either Arginine, Leucine or aromatic amino acid.

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<222> (14)..(14)

<223> The amino acid at position 14 can be either Glycine or Arginine.

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<222> (18)..(18)

<223> The amino acid at position 18 can be any amino acid.

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<222> (20)..(20)

<223> The amino acid at position 20 can be any amino acid.

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<222> (21)..(21)

<223> The amino acid at position 21 can be any amino acid.

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<222> (22)..(22)

<223> The amino acid at position 22 can be any amino acid.

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<222> (19)..(19)

<223> The amino acid at position 19 is an aromatic amino acid or aliphatic amino acid from 5 to 6 carbon atoms, particularly Phenylalanine, Tryptophan, Tyrosine, Leucine, Isoleucine or Valine.

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Trp Xaa Xaa Xaa Xaa Xaa

